

ABSTRACT

A control mechanism for a surgical instrument includes a structure having at least a first surface and a second surface. A flexure mechanism is disposed at least partially within the structure, and has a shortened position and a lengthened position. A control rod is slidable within the structure. At least one spring is disposed between the flexure mechanism and the second surface. The flexure mechanism moves the control rod from a first position to a second position when the flexure mechanism moves from the shortened position to the lengthened position.